

NCDWR Fish Kill Summary Report



Waterbody LAKE MATAMUSKEET

Total Fish Mortality

Location Central Canals

100

Kill Number	Date Reported	Date Investigated	Time Investigated
WA15004	10/13/2015	10/15/2015	
County	HUC:	Latitude	Longitude
HYDE	03020105	35.455790	-76.1738800

Species Reported

BLACK CRAPPIE
CATFISH
LARGEMOUTH BASS
LONGNOSE GAR

Suspected Cause	Other Species Affected	Waterbody Type	Duration	Kill Area
DO	BLUE CRAB	Fresh	3 days	8 km
Tributaries Affected		Samples		
		PHYTO		

Notes:

Main Canal at Lake Mattamuskeet, exhibited low oxygen concentrations, no struggling fish were observed during investigation and dead fish were a few days old. Dead fish in Central Canal were also a few days old but dissolved oxygen near the lake was 6.4 mg/L. Probable that most fish were able to make it to the lake to seek refuge but some that were far in the canals did not escape low dissolved oxygen. There were observations on the sound side of the water control structure at Main Canal that fish and crabs were gasping at the surface (not observed by NCWRC staff).